

THE EMBODIMENTS OF THE INVENTION IN WHICH AN EXCLUSIVE PROPERTY OR PRIVILEGE IS CLAIMED ARE DEFINED AS FOLLOWS:

1. A three dimensional puzzle comprising fifteen geometrically different components which can be interconnected to form a four by four by four cube, the four by four by four cube is subdivided into sixty four equally sized smaller cubes, each of the fifteen individual pieces comprises from one to six of such smaller cubes interconnected to one another to form a unique three dimensional shape, the fifteen pieces comprising one piece with one small cube, one piece with three small cubes, six pieces with four small cubes, six pieces with five small cubes and one piece with six small cubes.

2. A three dimensional puzzle according to claim 1 wherein the three dimensional puzzle is constructed of a plurality of small wooden cubes joined to one another to form the individual pieces.

3. A three dimensional puzzle according to claim 1 wherein the three dimensional puzzle is provided as an electronic game.

4. A three dimensional puzzle according to claim 1 wherein the three dimensional puzzle is provided as an electronic encryption system in association with a spatial coordinate reference system to be used as an encryption device for an electronic or computer security access code.